

WEST**End of Result Set**

Generate Collection

L1: Entry 2 of 2

File: DWPI

Mar 6, 1996

DERWENT-ACC-NO: 1994-151836

DERWENT-WEEK: 199614

COPYRIGHT 2001 DERWENT INFORMATION LTD

TITLE: Anti:sense oligo:nucleotide(s) complementary to the hepatitis C virus genome - are useful as antiviral agents

INVENTOR: HONDA, Y; SEKI, M ; YAMADA, E

PATENT-ASSIGNEE:

ASSIGNEE

CODE

SEKI M

SEKII

MITSUBISHI CHEM CORP

MITU

MITSUBISHI KASEI CORP

MITU

PRIORITY-DATA: 1993JP-0042736 (March 3, 1993), 1992JP-0248796 (August 25, 1992)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
EP 699751 A1	March 6, 1996	E	318	C12N015/11
CA 2104649 A	February 26, 1994	N/A	262	C07H021/00
JP 06311885 A	November 8, 1994	N/A	080	C12N015/51
EP 659882 A1	June 28, 1995	E	000	C12N015/11

DESIGNATED-STATES: AT BE CH DE DK ES FR GB GR IE IT LI LU NL PT SE AT BE CH DE
DK ES FR GB GR IE IT LI LU NL PT SE

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
EP 699751A1	August 25, 1993	1993EP-0113572	N/A
CA 2104649A	August 23, 1993	1993CA-2104649	N/A
JP06311885A	August 9, 1993	1993JP-0217095	N/A
EP 659882A1	August 25, 1993	1993EP-0113572	N/A

INT-CL (IPC): A61K 31/70; A61K 39/29; C07H 21/00; C07H 21/04; C12N 15/11; C12N 15/51; C12N 15/62; C12N 15/86

ABSTRACTED-PUB-NO: CA 2104649A

BASIC-ABSTRACT:

Anti-sense cpd.(I) comprises a sequence complementary to a base sequence which consists of 10-34 bases and is extracted from: (i) 93 bases from thymine at position 107 to adenine at position 199, (ii) 152 bases from adenine at position 250 to cytosine at position 401, or (iii) 52 bases from cytosine at position 808 to adenine at position 859; of the base sequence having 2033 bases parv. Also claimed is an anti-hepatitis virus C formulation comprising (I) as an active ingredient.

Prep. the bases sequence is extracted from, (iv) 54 bases from guanine at position 127 to guanine at position 180, (v) 34 bases from adenine at position 284 to thymine at position 317; or (vi) 34 bases from cytosine at position 343 to cytosine at position 376. The base sequence contains 8 bases from cytosine at position 830 to guanine at position 837.

From the region beginning from thymine at position 27 and ending at cytosine at position 410, specific sequences consisting of about 10-34 bases to which antisense compounds are to be hybridised were set up, and the complementary sequences determined by the specified base sequences were used as the sequences of antisense oligonucleotides. The antisense oligonucleotides were synthesised using Applied Biosystems DNA Synthesiser.

USE - (I) act specifically on mRNA of hepatitis C (HIV) and inhibit translation of HCV gene, and are therefore useful as antiviral agents.

CHOSEN-DRAWING: Dwg.0/6

TITLE-TERMS: ANTI SENSE OLIGO NUCLEOTIDE COMPLEMENTARY HEPATO VIRUS GENOME
USEFUL ANTIVIRAL AGENT

DERWENT-CLASS: B04 D16

CPI-CODES: B04-E06; B14-A02A; D05-H12D2;

CHEMICAL-CODES:

Chemical Indexing M1 *01*
Fragmentation Code
M423 M710 M781 M903 N135 P210 P721 Q233 V753 V762

SECONDARY-ACC-NO:
CPI Secondary Accession Numbers: C1994-069819